PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S.Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ion of information unless it contains a valid OMB control number. Under the Paperwork Reduction of 1995, and sons are re Substitute for form 1449A/PTO are required to respond to a col

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

$\Box$	Complete if Known
Application Number	10/595,338
Filing Date	03/12/2006
First Named Inventor	Eyal BEN-AROYA et al.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned

					Examiner Name	To Be Assigned
Sheet 1		1	of 3		Attorney Docket Number	047141.001
			U.S	. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Docum	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2 (if known)</sup>	6 27 2000		HANSEN ET AI	
_W.I./	1	US-6,081,606	6-27-2000 4-3-2001		BECK	
ŴĮ./	2	US-6212178 B1			RICHARDS et a	1
/W. I./	3	US-5303045 A	4-12-19		KEATING	
	4	US-5404170 A	4-4-199		LEE	
/W.T./	5	US-5519446 A	5-21-19		CHOI et al.	
/W.T./	6	US-5742349 A	4-21-19		HILL, Jr.	
/W. L./	7	US-5790096 A	8-4-199		HEWETT et al.	
/W.T./	8	US-5796439 A	8-18-19		THRO et al.	
/W.T./	9	US-6037991 A	3-14-20		GUIMIER	
/W.T./	10	US-6094227 A	7-25-20		FAROUDJA	
/W.T./	11	US-6111610 A	8-29-20		RICHARDS et a	1
/W.T./	12	US-5303045 A	4-12-19		KEATING	11.
/W.T./	13	US-5404170 A	4-4-199		LEE	
/W.T./	14	US-5519446 A	5-21-19			
/W.T./	15	US-5742349 A	4-21-19		CHOI et al.	
/W.T./	16	US-5091780 A	2-25-19		POMERLEAU	
/W.T./	17	US-5307170 A	4-26-19		ITSUMI et al.	
/W.T./	18	US-5734441 A	3-31-19		KONDO et al.	
/.T.W\	19	US-6028626	2-22-20		AVIV et al.	
/W.T./	20	US-6295367	9-25-20		CRABTREE et a	
/W.T./	21	US-4145715	3-20-1	979	CLEVER Eric C	J
/W.T./	22	US-2002/0087385 A1	7-4-20	02	VINCENT	
/W.T./	23	US-2002/0059283 A1	5-16-2	002	SHAPIRO et al	
/W.T./	24	US-2002/0010705 A1	1-24-2	002	PARK et al.	
W.T./	25	US-6345305 B1	2-5-20	02	BECK et al.	
/W.T./	26	US-6230197 B1	5-8-20	01	BECK et al.	,
/W.T./	27	US-6170011 B1	1-2-20	01	BECK et al.	
/W.T./	28	US-6167395 A	12-26-	2000	BECK et al.	
√W:†:/	29	US-6138139 A	10-24-	2000	BECK et al.	
/W.T./	30	US-6134530 A	10-17-	2000	BUNTING et a	1.
/W T /	31	US-6092197	7-18-2	000	COUEIGNOUX	X
/W.t/	32	US-6070142	5-30-2	000	MCDONOUGH e	et al.
/W.T./	33	US-6014647	1-11-2	000	NIZZAR et al.	
/W.1./	34	US-6330025	1		-	
/W.T./	35	US-6327343 B1	EDGETTI) . 1			
<del>/w.t./</del>	36	US-6427137 B2	DECENTION OF THE PROPERTY OF T			
/ <u>W.T./</u>	37	US-2003/0059016 A1	3-27-2		LIEBERMAN et	al.
/W.T./	38	US-6704409 B1	3-9-2004		DILIP et al.	
/W.T./	39	US-5353618	10-4-1994		Crick	
<del>/w.i./</del> /W.T./	40	US-7,076,427	7-11-2		SCARANO et a	al
	41	US-6,081,606	6-27-2		HANSEN ET A	
-W.I./-		US-2002/005898	1-17-2		KAWADA RYOICH	
WIL	42	US-US 2003/0033145	2-13-2		PETRUSHIN	

/W.T./	44	US-US	2004/0249650	12-9-2004		FR	EEDMAN ET AL			
	45,	Meries	J. D.	11-30-1998	000000000000000	000000000000000000000000000000000000000	AMIR FT AL		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
AALT /	46	US-200	4/0098295	5-20-2004			SARLAY et al			
/Wy.Fr/./	47	US-200	3/0163360	8-28-2003			GALVIN			
/W.T./	48	US-200	)4/0141508	7-22-2004		SCHO	DENEBERGER et al.			-
				FOREIGN	N PAT <u>E</u>	ENT DOC	UMENTS			
Examiner Initials*	Cite No. 1		Foreign Patent Docum	Foreign Patent Documents		ation Date	Name of Patentee or Applicant of Cited Document	Pages, Colum Where Relevan	nt Passages	T <sup>6</sup>
		Country C	Code3- Number4- Kind C	ode <sup>5</sup> (if known)				or Relevant Fig	ires Appear	
/W.T./	49		2/37856		5-10-2	2002	DYNAPEL SYSTEMS, INC			
/W.T./	50	WO 03	013113 A2		2-13-2	2003	BLAIR et al.			
/W.T./	51		067360 A2		8-14-2	2003	ELAZAR et al.	-		
/W.T./	52		01838 A		1-15-	1998	SULLIVAN Patrick J.			
/W.T./	53		29470 A		11-2-	1995	KATZ Barry	(		
/W.T./	54	WO 03	067884 A1		8-14-2		Yeredor et al.			
/W.T./	55	WO 04	091250		21-10		LAIHO, Keijo et al			
/W.1"/	56	EP 14	84 892		8-12-2		Nortel Networks			<u>  </u>
/W.T./	57	DE103	58333		14-7-2	2005	Siemens AG			L
			OTHER P	RIOR ART	- NON	<b>PATENT</b>	LITERATURE DOCU	MENTS		
Examiner Initials*	Cite	No.1	Include name of t item (book, maga	izine iournal, sei	rial sympo	osium, catalog	le of the article (when appropria g, etc.) date, page(s), volume-iss where published.	ue number(s),	$T^2$	
/W.T./	58	+	NiceVision - Se	cure your Vis	sion, a r	rospect by	NICE Systems, Ltd.			
/ 44.1./	36		A Data – Wareh	ouse / OLAP	Framev	vork for So	calable Telecommunication	n Tandem		
DATE /		į	Traffic Analysis	s – Oiming C	hen, Me	eichun Hsu	, Umesh Dayal –		*	
/W.T./	İ		achen mhsu day	val@hnl.com						
24177	59		NICE Systems	announces No	ew Avia	tion Secur	ity Initiative, reprinted fro	m Security		
/W.T./	"		Technology &	Design						
/W.T./	60		(Hehrew) "the	Camera That	Never S	leeps" from	n Yediot Aharonot			
	61		FREEDMAN I	Closing the	Contac	t Center Q	uality Loop with Custome	r Experience		
/W.T./			Management (	Customer Inter	raction	Solutions,	Vol. 19, no. 9, March 200	1	<u> </u>	
BALT /	62		PR NEWSWIR	E, NICE Red	efines (	Customer I	nteractions with Launch o	f Customer		
/W.T./			Experience Ma	nagement, 13	June 20	000		Y CDM		
/W.T./	63		PR NEWSWIR	E, Recognition	on Syste	ems and Hy	perion to Provide Closed	Loop CRM	٠.	
/ V V . 1 ./	<u> </u>		Analytic Applie	cations, 17 No	ovembe	r 1999	1. into compositive edu	rantage 24-		
	64		Financial comp	anies want to	turn re	guiatory bi	ırden into competitive adv	amage, 24-		
/W.T./		1	Feb-2003, print	ted from Info	mation	week,	003033350003			
- 3AI T /			http://www.info	ormationweek	bttm://	ory/rw KZ	meier-electronic.com			
/W.T./	65		SEDOR - Inter	net pages for	"The	Computer	at the Other End of the Lin	ne" Feb-17-		
/W.T./	66		2002						•	
/W.T./	67		article SERTA	INTY - Autor	nated Q	uality Mo	nitoring - SER Solutions,	Inc 21680	٠.	
			Ridgetop Circle	e Dulles, VA	- WWV	v.ser.com	imigation 2005 SE Calm	tions Inc	,	
/W.T./	68		article SERTA	INTY - Agen	Perfor	mance Opt	imization - 2005 SE Solu	10115, IIIC 1013 -2005		
/W.T./	69		SER Solutions	Inc			nty Quality Assurance - 2			
	70		Robust Text In	dependent Sn	eaker k	lentification	on Using Gaussian Mixtur	Speaker	ļ	
	1,0		-Models						<u> </u>	
<u> </u>	71	-	Douglas A. Re	ynolds Robus	t Text I	ndependen	t Speaker Identification U	sing	ļ	
/w. <sup>-</sup>			Gaussian Mixt	ure Speaker N	Aodels -	IEEE Tra	nsactions on Speech and A	Audio		
/ **.	· [		Processing, Vo	13. No 1. Jan	uary 19	95			-	
	72		Chaudhari Na	vratil Ramas	wamv. a	and Maes \	Very Large Population Te	xt-		
			Independent St	neaker Identif	ication	Using Trai	nsformation Enhanced Mi	ilti-Grained		
/W.T	./		Models - Upen	dra V. Chaud	lhari, Jiı	ri Navratil,	Ganesh N. Ramaswamy,	and Stephane	, '	
			H. Maes - IBM	1 T.i. Watson	Researc	ch Centre -	October 2000		<del> </del>	
/W.T	/ 73		Douglas A. Re	ynolds, Thon	nas F. Q	uatieri, Ro	bert B. Dunn Speaker Ve	rification		
, , , , , ,			Using Adapted	l Gaussian Mi	ixture M	10dels - 01	-Oct-2000		<del> </del>	
/W.T	74				sserblat	- How to	deal with multiple-targets	ın speaker		
			identification s	systems?			d D. 1. C. Dimber 3	on Bonoster		
	75		A tutorial on to	ext-independe	nt spea	<del>ker verifie</del>	ation Frederic Bimbot, J	eun Bonustre,		

Signature	/William Trapanese/ Considered	02/08/2012					
/W.T./ 79	Towards an Automatic Classification Of Emotions In Speech - N. Amir. S. Ron						
/W.T./	Identification of Telephone Speech IEEE Transactions on Speech and Audio Processing, Vol. 4, 31-44						
78	Marc A. Zissman - Comparison of Four Approaches to Automatic Language	1					
/W.T./ 77	Yeshwant K. Muthusamy et al - Reviewing Automatic Language Identification IEEE Signal Processing Magazine 33-41						
/W.T./ 76	Frederic Bimbot et al - A Tutorial on Text-Independent Speaker Verification EURASIP Journal on Applied Signal Processing 2004:4, 430-451						
	Merlin, Javier Ortega Garcia, Dijana Deacretaz, Douglas Reynolds - 8 August 2003	<u> </u>					
	Corinn Fredouille, Guillaume Gravier, Ivan Chagnolleau, Sylvian Meigner, Teva	<del> </del>					

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1. Applicant's unique citation designation number (optional).

2. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. this collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.